



A Furukawa Company

EZ-Bend® 4.8 Cable Toneable

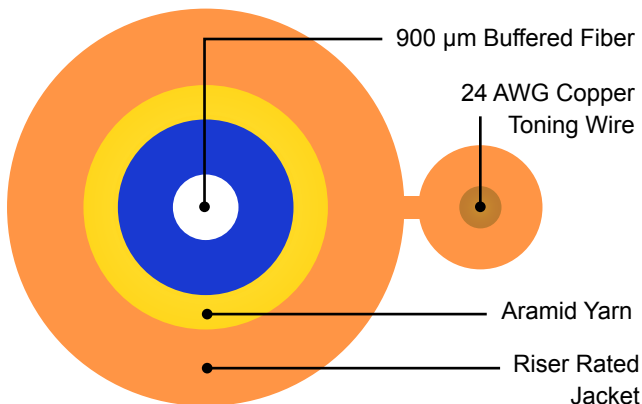
Features

- 4.8 mm diameter ruggedized toneable indoor/outdoor cordage
- Less than 0.1 dB macrobending attenuation at 1550 nm for 1 turn at 5 mm fiber bend radius
- Less than 0.3 dB macrobending attenuation at 1550 nm when subjected to MDU Simulation Test called out by ICEA S-115-730
- Solid construction fiber complies with ITU G.657.B3 requirements for macrobending performance
- Backward compatible with installed G.652.D fibers
- Conform to UL® CL2R-OF fire rating
- Compliant with Telcordia 409 & ICEA S-83-596 and S-104-696 requirements
- Dry water-blocked core to protect against water ingress
- Reinforced solid jacket construction naturally limits cable bending to control macrobending attenuation and protect fiber reliability

Benefits

- **Integrated toning wire:** Helps reduce installation cost (no hardware/transition box or separate locating tape/wire needed)
- **Faster, easier handling:** Toning wire easily separated from cable by hand with no special tools needed
- **Compact installation and storage:** Flexible design for easy slack storage in small spaces
- **Color options:** Choice of optically visible orange, black or white jackets
- **Streamlined slack storage:** Simply coil and bury extra slack in the ground, thereby eliminating a slack box
- **Fast, easy, low loss splicing** to G.652.D fiber with existing core and clad aligned splice equipment
- **Familiar, standard connector termination:** Standard industry SCA connectors are available
- **Greener Solution:** Free of heavy metals and RoHS-compliant; solution uses fewer total materials and energy than copper solutions

EZ-Bend 4.8 Cable Toneable Cross-Section



Product Description

With the EZ-Bend® 4.8 mm Toneable Indoor/Outdoor Cable, users have yet another option for MDU, in-home wiring and aggressive, space-constrained routing environments. This toneable, riser-rated cable was specifically designed with the durability to be buried and then installed in one continuous run from the street into the home. In this way the EZ-Bend Toneable Cable eliminates the need for transition boxes and hardware on the outside of the living unit while also facilitating fast cable location along with cable bonding and grounding.



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PERFORMANCE	
FLAME PERFORMANCE	
Riser	(UL) CL2R-OF compliant
MECHANICAL AND ENVIRONMENTAL PERFORMANCE	
Telcordia GR-409, ICEA S-83-596 compliant, S-104696	
TEMPERATURE RANGE	
Installation	-40 °C to 60 °C (-40 °F to 140 °F)
Operation	-40 °C to 70 °C (-40 °F to 158 °F)
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
MAXIMUM TENSILE RATING	
440 N (100 lb)	
ATTENUATION	
@ 1310 nm	Typical: 0.35 dB/km; Maximum: 0.4 dB/km
@ 1550 nm	Typical: 0.25 dB/km; Maximum: 0.3 dB/km

PRODUCT INFORMATION			
Cable Type	Flame Rating	Part Number	Nominal Weight kg/km (lb/ 100 ft)
INDOOR/OUTDOOR CABLES			
4.8 Indoor/Outdoor Riser	(UL) CL2R-OF	IT48-001A-DRK-4-WPVC	23.9 kg/km (1.48 lb/100 ft)
4.8 Indoor/Outdoor Riser	(UL) CL2R-OF	IT48-001A-DRO-4-WPVC	23.9 kg/km (1.48 lb/100 ft)

NOTE: Standard color for indoor cables is a white jacket. Standard color for indoor/outdoor cables is a black jacket. Please note that optically visible orange is available.

Example of Standard Sheath Marking (Custom sheath marking available upon request)

Black-Jacketed Riser-Rated 4.8 mm Ruggedized Toneable Drop Cable with EZ-Bend Technology:

OFS INTERCONNECT EZ-BEND® G.657.B3 OPTICAL CABLE -C- IT48-001A-DRK-4-WPVC 9/125 C (UL) CL2R-OF {MM/YY} {LOT NUMBER} {LENGTH IN FEET}

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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